

## A new species of the genus *Buvatina* (Lepidoptera: Oecophoridae) from the Russian Far East

### Новый вид рода *Buvatina* (Lepidoptera: Oecophoridae) с Дальнего Востока России

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A new species, *Buvatina dubatolovi* sp. nov., closely related to the East European *B. iremella* Junnilainen et Nupponen, 1999, is described from the Botchinskiy Nature Reserve (Sikhote-Alin Range) at the Russian Far East.

*Buvatina dubatolovi* sp. nov., близкий к восточноевропейскому *B. iremella* Junnilainen et Nupponen, 1999, описывается из Ботчинского заповедника (хребет Сихотэ-Алинь) на Дальнем Востоке России.

**Key words:** Russian Far East, Lepidoptera, Oecophoridae, *Buvatina*, new species

**Ключевые слова:** Дальний Восток России, чешуекрылые, Lepidoptera, Oecophoridae, *Buvatina*, новый вид

## INTRODUCTION

*Buvatina* Leraut, 1984 was established as a monotypic genus based on *B. tineiformis* Leraut, 1984 from France (Leraut, 1984); in the last decade this species was also discovered in Austria, North Italy and Slovakia (Huemer, 2001; Tokar et al., 2005). In 1989, two additional species, *Borkhausenella stroemella* (Fabricius, 1779) and *B. obscurella* (Brandt, 1937), were transferred to the genus *Buvatina* (Leraut, 1989). Ten years later another species of this genus, *B. iremella* Junnilainen et Nupponen, 1999, was described from the Southern Ural in Russia (Junnilainen & Nupponen, 1999). However, only *B. tineiformis* and *B. iremella* can be really placed in *Buvatina*, whereas some characters of *B. stroemella* and *B. obscurella* (forewing veins R4 and R5 stalked, saccus arched, aedeagus with coecum) correspond well to the diagnosis of the genus *Denisia* Hübner, [1825] (Tokar et al., 2005; Lvovsky, 2006, 2008).

In the present paper, a third species of the genus *Buvatina* is described from the Russian Far East, the Sikhote-Alin Range. The type material is deposited in the Zoological Institute of the Russian Academy of Sciences in St Petersburg.

## TAXONOMY

### Order LEPIDOPTERA

### Family OECOPHORIDAE Bruand, [1851]

### Genus *Buvatina* Leraut, 1984

Type species: *Buvatina tineiformis* Leraut, 1984, by monotypy.

### *Buvatina dubatolovi* sp. nov. (Figs 1–3)

**Holotype.** Male, **Russia, Khabarovsk Territory**, Sikhote-Alin, Botchinsky Nature Reserve, Mulpa river, cordon Teply Kluch, at light, 11–12 July 2015, leg. V.V. Dubatolov, gen. prep. No. 3661.



Fig. 1. *Buvatina dubatolovi* sp. nov., holotype, general view.

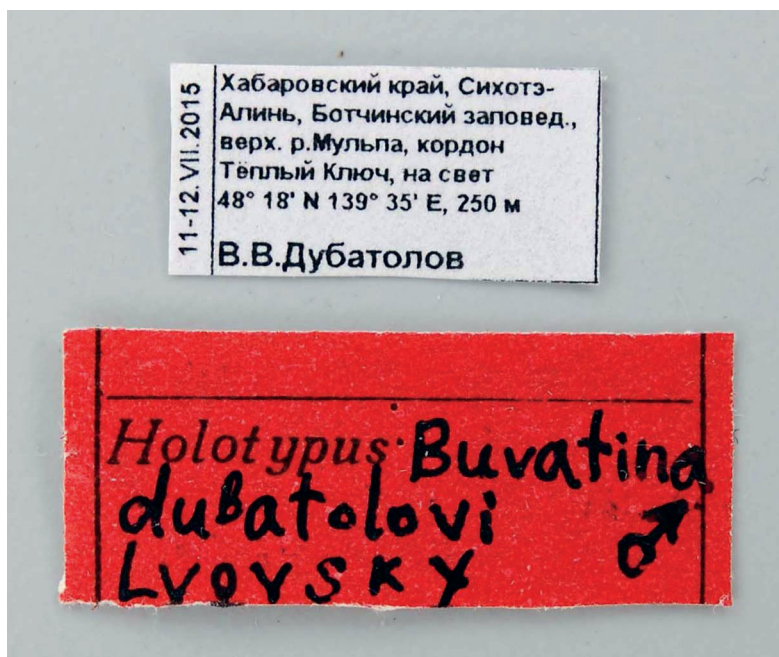
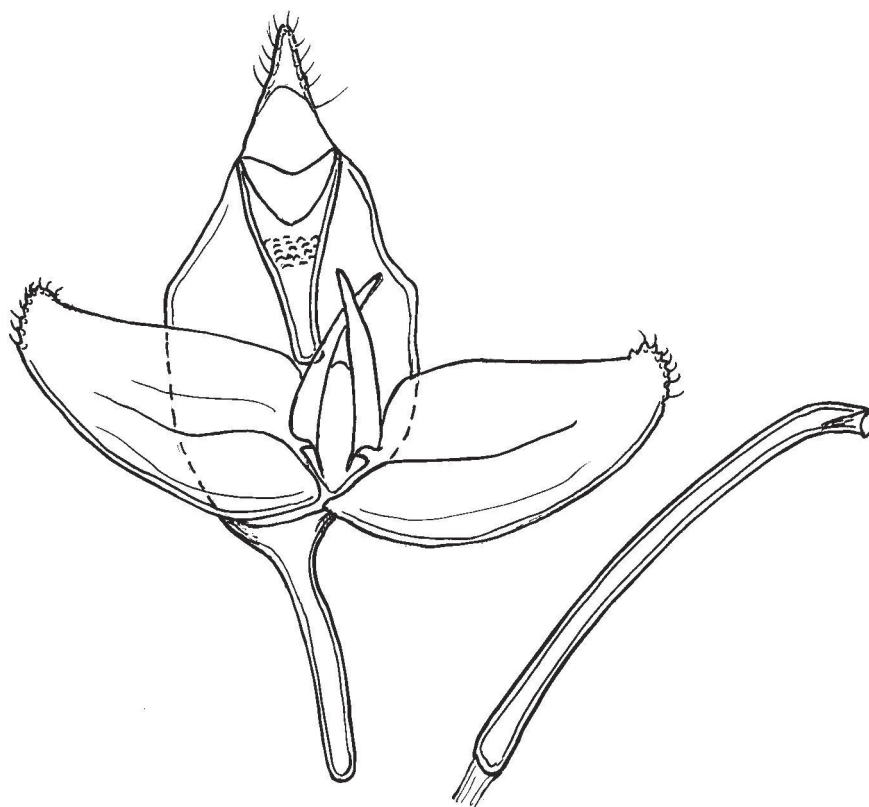


Fig. 2. *Buvatina dubatolovi* sp. nov., holotype, labels.



**Fig. 3.** *Buvatina dubatolovi* sp. nov., holotype, male genitalia.

**Diagnosis.** The new species is very similar externally to *Buvatina iremella* Junnilainen et Nupponen, 1999 from which differs by white frons, smaller rounded subapical yellowish spot on the forewing, apically bent aedeagus, and the saccus of equal length with valva.

**Description.** Forewing length 4.5 mm, wingspan 10 mm (Fig. 1). Frons white. Antennae black with longitudinal white dotted line. Labial palpi small and strait; short apical segment covered with white and black scales. Thorax black. Forewing black with admixture of light yellow scales and four light yellow markings: elongated spot at 1/3 of wing, rounded spot at 2/3 of wing, small rounded subapical spot, short yellowish longitudinal streak at wing base. Fringes dark gray. Hindwing and its fringes gray.

**Male genitalia (Fig. 3).** Uncus and gnathos narrowly triangular. Gnathos 1.5 times as long as uncus. Saccus long and narrow, rod-shaped. Valva of equal length with saccus, almost naked, with only very few short setae at apex. Juxta bears two long and narrow, apically pointed processes. Aedeagus 2 times as long as saccus, very narrow, bent at apex; cornuti absent.

**Etymology.** The species is named after V.V. Dubatolov, well-known Russian lepidopterologist and collector of the moth.

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